**Prepared** for

Bay County Employees' Retirement System

April 17, 2012



# Representing Baird Advisors

#### Warren D. Pierson, CFA

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Senior Portfolio Manager

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Senior Vice President

Senior Portfolio Manager



### Table of Contents

Section 1 Firm Overview

Section 2 Current Market Environment

Section 3 Update on Bay County Employees' Retirement System

Appendix Economic & Market Outlook



# Section 1

Firm Overview

#### Overview of Baird

Baird has been helping clients achieve their asset management, investment banking and private equity goals for over 90 years.

#### 1919

Founded in Milwaukee

#### 2004

Baird becomes employee-owned

#### \$87 billion

Assets under management

#### \$925 million

Revenue

#### 2,700

**Employees** 

#### 100+

Office locations on three continents\*

#### 9

Number of consecutive years Baird has been recognized as one of the FORTUNE 100 Best Companies to Work For®

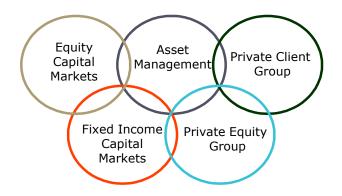
#### 1

Ranked No. 1 "most trusted" research in Greenwich Associates survey 2004-2011

"Investment Banking Firm of the Year" for 2011 - The M&A Advisor



#### **A Comprehensive Financial Services Firm**



#### **Baird Advisors Highlights**

- Dedicated team focused on fixed income
- Over \$16.4 billion of assets under management as of March 31, 2012
- Disciplined, research driven approach
- Focus on superior customer service

#### **Baird's International Presence**

#### **United States**

#### Europe

#### Asia







Milwaukee Chicago New York London Frankfurt Hamburg Hong Kong San Francisco Palo Alto Atlanta Boston Philadelphia Tampa Washington, D.C. Beijing Shanghai Stamford Charlotte

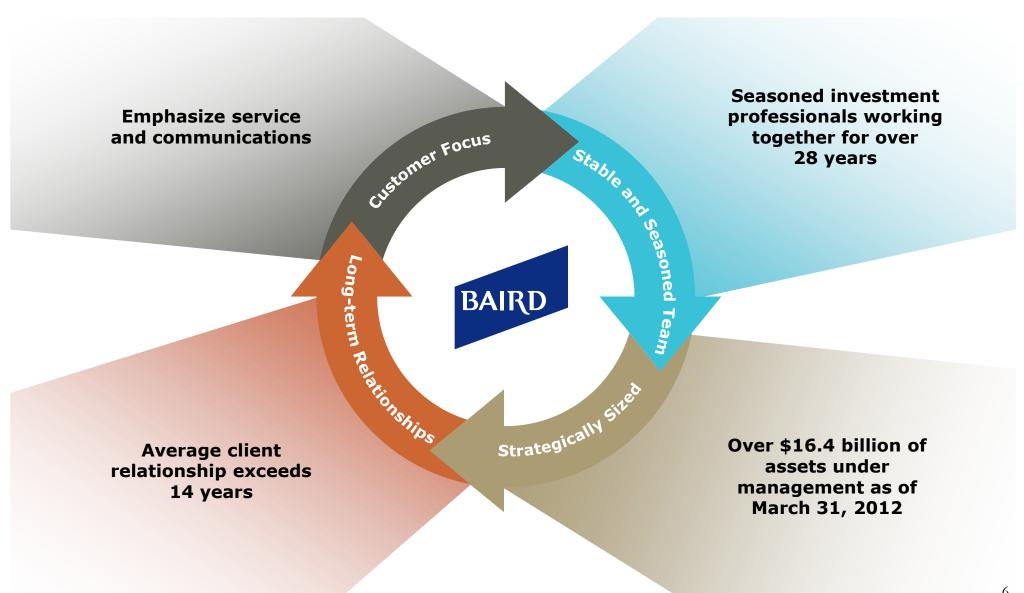
<sup>1)</sup> Greenwich Associates U.S. Equity Investors – Small / Mid-Cap Funds, April 2011. Surveys conducted with 98 U.S. small-cap and mid-cap fund managers. Rankings based on top 10 research firms in survey.

<sup>\*</sup> Baird and its operating affiliates have offices in the United States, Europe and Asia. Robert W. Baird Ltd. and Baird Capital Partners Europe are authorized and regulated in the UK by the Financial Services Authority.

### **Overview of Baird Advisors**



Experienced team with a track record of consistent results in high quality fixed income management



## Baird Advisors - Representative Clients

Client relationships average 14 years

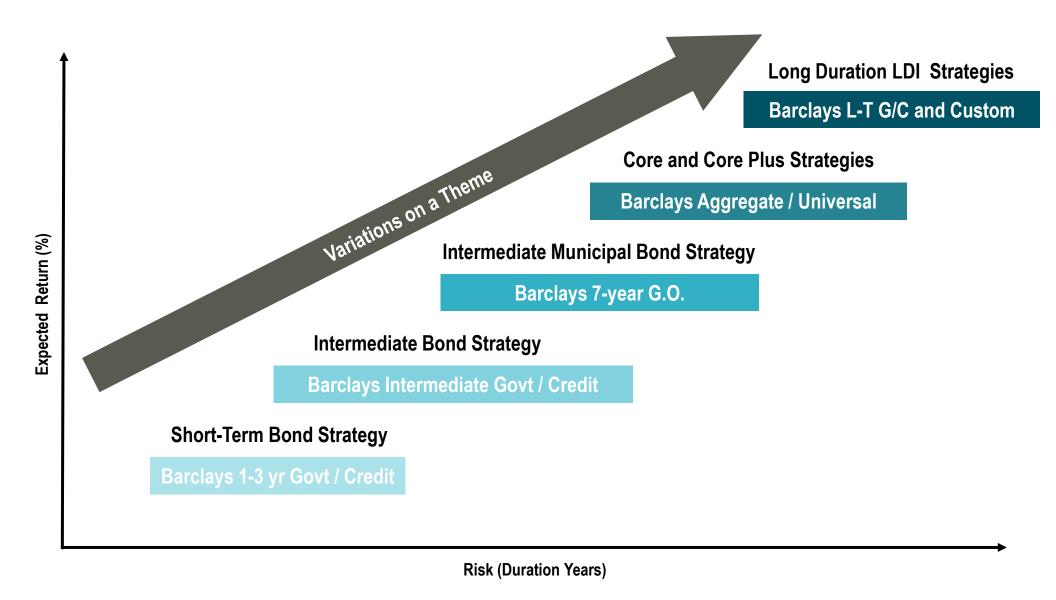




Note: The clients listed above represent various industry groups and geographic locations and were not selected based upon performance. Their appearance is not an indication of approval or disapproval of the investment management services provided.

# Structured, Risk-controlled Portfolio Management Consistent approach applied across risk spectrum





## **Baird Bond Funds**

# Net Returns as of March 31, 2012



Since

					Inception
				Since	Lipper Rank
	2012 YTD	2011	2010	Inception*	& Percentile
Baird Core Plus Bond Fund - Institutional	1.73%	7.89%	9.81%	7.14%	11 of 239
Barclays Capital U.S. Universal Bond Index	0.85%	<u>7.40%</u>	<u>7.16%</u>	<u>6.33%</u>	5%
Difference	+0.88%	+0.49%	+2.65%	+0.81%	
Baird Aggregate Bond Fund - Institutional	1.60%	7.85%	8.34%	6.45%	40 of 239
Barclays Capital U.S. Aggregate Bond Index	<u>0.30%</u>	7.84%	<u>6.54%</u>	<u>6.15%</u>	17%
Difference	+1.30%	+0.01%	+1.80%	+0.30%	
Baird Intermediate Bond Fund - Institutional	1.64%	6.14%	7.54%	6.06%	81 of 239
Barclays Capital Intermediate Govt/Credit Bond Index	<u>0.61%</u>	<u>5.80%</u>	<u>5.89%</u>	<u>5.68%</u>	34%
Difference	+1.03%	+0.34%	+1.65%	+0.38%	
Baird Short-Term Bond Fund - Institutional	1.58%	2.08%	4.39%	3.53%	45 of 147
Barclays Capital 1-3 Year Govt/Credit Bond Index	0.36%	<u>1.59%</u>	<u>2.80%</u>	<u>3.47%</u>	31%
Difference	+1.22%	+0.49%	+1.59%	+0.06%	
Baird Intermediate Municipal Bond Fund - Institutional	0.00%	8.55%	2.42%	5.13%	2 of 74
Barclays Capital 7 Year G.O. Bond Index	<u>-0.16%</u>	<u>10.58%</u>	4.35%	<u>5.37%</u>	3%
Difference	+0.16%	-2.03%	-1.93%	-0.24%	

Lipper Rankings and Percentiles are as of March 31, 2012.

<sup>\*</sup> The Baird Core Plus, Aggregate, and Intermediate Bond Funds Since Inception net returns are based on performance from September 30, 2000 through March 31, 2012. The Baird Intermediate Municipal Bond Fund Since Inception net return is based on performance from March 31, 2001 through March 31, 2012. The Baird Short Term Bond Fund Since Inception net return is based on performance from August 31, 2004 through March 31, 2012.

#### Two Fold Investment Process

# BAIRD

#### ✓ Structure portfolio to achieve return of benchmark for each client

Add incremental value through multi-step, risk-controlled process

#### Complete Understanding of Benchmark

- Purchase only U.S. dollar denominated securities
- Quantify duration, sector, and sub sector weightings
- Evaluate pricing, turnover and projected changes to benchmarks

#### Control Portfolio Risk by Remaining Duration Neutral

- Average duration precisely matched to index at all times
- Immediate adjustment to portfolio as contributions and withdrawals occur
- Month-end rebalancing to match benchmark changes

# Maintain Strict Adherence to Portfolio Guidelines

- Constant monitoring of risk control measures
- Use of "what-if" modeling techniques
- Compliance systems for all portfolio trades

#### Emphasis on Security Structure and Credit Research

- Specific security covenants, cash flow and liquidity concerns
- Assessment of company financials and management
- Prospects for sector and position in industry

#### Two Fold Investment Process



Structure portfolio to achieve return of benchmark for each client

Add incremental value through multi-step, risk-controlled process

Our goal is to add incremental return of 15-50 basis points through multiple investment strategies

 Optimize yield and "roll down" **Yield Curve Positioning** Analyze yield curve on a continual basis Dynamic process Long-term decisions to overweight and underweight **Sector Allocation** Focus on relative value of different sectors Yield spreads and underlying risks change constantly Structure **Security Selection**  Attributes Liquidity Competitive Capitalize on market inefficiencies Execution Timely market information Long-standing dealer relationships

Performance is consistent and competitive over complete market cycles





Wide breadth of resources and market research drive investment decisions

- All senior portfolio managers contribute to research driven process
- Access to leading Wall Street fixed income and equity research
- Access to Baird equity and credit analysts



- Interactive Data BondEdge: Portfolio & benchmark analysis, guideline compliance
- Barclays Capital Live: Benchmark analysis
- Bloomberg: Security analysis, company research
- MarketAxess: Corporate trading platform and TRACE data market monitor

- TradeWeb: Treasury and Agency trading platform, historical curve information
- Intex Solutions and Bond Studio: Residential and commercial loan analysis
- Yield Book: Option-adjusted spread (OAS) and scenario rate of return
- CreditSights: Independent credit research from a team of analysts



# Section 2

Current Market Environment

## Baird Advisors Economic & Market Outlook

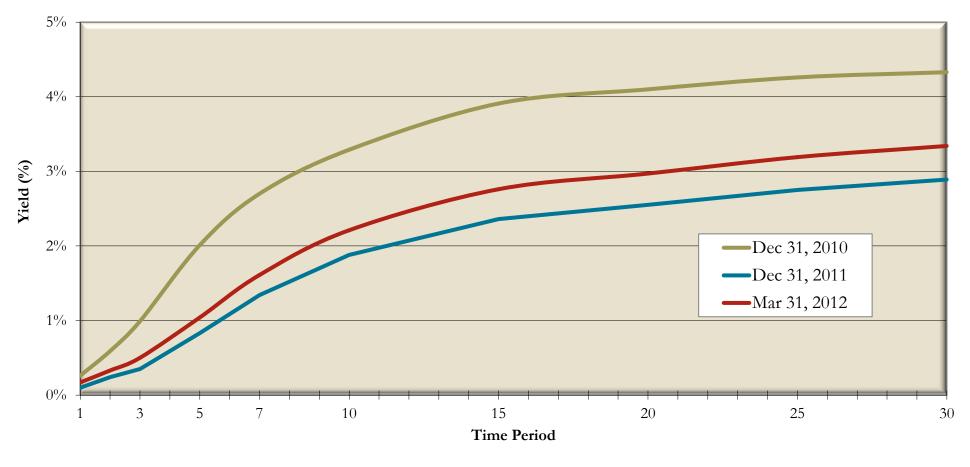


- **U.S. Economy:** Modest Growth with Continued Restraints
- Inflation: Wages Remain Benign with Elevated Consumer Inflation Rolling Over
- Housing Markets: Prices in Rocky Bottoming Process
- Financial Markets: Stock and Bond Prices Discounting a Long Period of Modest Growth

Wide Range of Potential Outcomes Still Possible

# **Treasury Yields**





<b>Maturity</b>	<u>Dec 31, 2010</u>	<u>Dec 31, 2011</u>	Mar 31, 2012	YTD Change
1	0.26%	0.10%	0.17%	+0.07
2	0.59%	0.24%	0.33%	+0.09
3	0.99%	0.35%	0.50%	+0.15
5	2.01%	0.83%	1.04%	+0.21
7	2.70%	1.34%	1.61%	+0.27
10	3.29%	1.88%	2.21%	+0.33
30	4.33%	2.89%	3.34%	+0.45

Source: Bloomberg Data as of: 3/31/2012

# **Spread Volatility Continues**



#### Option-Adjusted Spreads (bps)

							10 yr Avg
	12/31/07	12/31/08	12/31/09	12/31/10	12/31/11	3/31/12	OAS
U.S. Aggregate Index	91	213	61	56	87	64	71
U.S. Agency (non-mortgage) Sector	43	93	30	20	33	20	38
Mortgage and ABS Sectors							
U.S. Agency Pass-Throughs	87	145	18	42	75	52	56
Asset-Backed Securities	242	955	100	82	99	65	150
CMBS	170	1010	473	254	308	221	239
Corporate Sectors							
U.S. Investment Grade	198	555	172	156	234	176	175
Industrial	181	500	138	134	184	148	164
Utility	189	537	161	147	186	159	171
Financial Institutions	220	629	226	191	337	227	194
U.S. High Yield	569	1669	617	526	699	576	596



# Baird Advisors Mortgage and Asset-Backed Securities Strategy

Highly selective risk-controlled approach emphasizing structure and collateral

#### **STRUCTURE**

- Senior priority in structure
- AAA-rated at issuance
- Significant credit enhancement
- Short average life
- Limit cash flow timing risk

#### **COLLATERAL**

- Emphasize fixed rate loans
- Lower loan-to-value (LTV & CLTV)
- Better borrower profile (FICO)
- Top tier originators and servicers
- Geographic dispersion

Perform ongoing stress tests on specific issues we own and remain confident in our-risk-controlled approach over a full market cycle.

# Recent Activity - CMBS Purchase



#### **FHMS K705 A2**

AAA/AAA
2.1% yield, (+85 bps over comparable Treasury)
\$936 million tranche size

#### **Buy Rationale:**

- Senior in the capital structure (20% Credit Enhancement in addition to FHLMC guarantee)
- Very liquid asset class
- Minimal refinancing concerns due to all 7 year balloon loans
- Minimal average life variability (positively convex)
- Attractive valuation when compared to Agency debentures and US Treasury securities
- Fundamentals remain strong:
  - 1.4x Debt Service Coverage Ratio
  - 72% Loan-to-Value
  - Conduit structure well diversified with top 10 loans representing 37% of the deal

# The Power of Rolling Down a Steep Yield Curve - Bond Math BAIRD



	Agency MBS Passthrough	US Treasury Note	
	GNMA 4.5% 5/20/40	UST 3.125% 4/30/17	
	Current Valuatio	on (3/31/12)	
Duration	3.3 years	4.7 years	
Price	\$108.82	\$110.13	
Annualized YTM	2.41%	1.08%	
	Est. Total Return over 12 month Period (Assumes unchanged yield curve and spread curve)		
Income Return*	2.41%	1.08%	
Price Return- Rolldown	0.02%	0.94%	
Price Return- YC Shift	0.00%	0.00%	
Total Return	2.39%	2.02%	

For illustrative purposes only. Not meant to be a recommendation. Not a complete analysis of all facts.

Source: Bloomberg and BondEdge

Data as of: 3/31/2012

<sup>\*</sup>Less impact of paydowns and price amortization

#### **Investment Outlook**



#### **Additional outperformance expected**

- Yield spreads have tightened in recent months, but still see attractive opportunities
- Current prices on many securities are below fundamental fair value

#### **Portfolio Positioned to Benefit from Steep Yield Curve**

- Duration neutral overall
- Emphasize securities with attractive yield curve "rolldown"

#### Portfolio Positioned to Benefit from Spread Sector Outperformance

- Maintain underweight to U.S. Treasury sector
- Good opportunities in spread sectors

#### Risk control discipline critical in a higher risk environment

Experienced investment team and risk controlled process key to strategy's long-term success



## Section 3

Update on Bay County Employees' Retirement System

# Risk Control Discipline





Duration neutral to benchmark



U.S. Treasuries and Government Agencies Securities

- Emphasized for long duration exposures
- Used to match duration



#### **Credit Securities**

- Limited credit exposure in more volatile sectors with continuous review of credit allocation
- Focus on financial industry with higher priority given to credit rating
- Diversification increases as quality decreases



Mortgage-backed and asset-backed securities

- Focus on fixed-rate collateral vs. ARMs
- Seasoned, more stable mortgage-backed securities
- Use Bloomberg, Intex, Real Point and Yield Book for residential and commercial loans

# Bay County Employees' Retirement System Summary Investment Objectives and Portfolio Guidelines



#### **Investment Objective**

The investment objective of the account is income generation and capital preservation.

#### **Custom performance benchmark**

A custom index comprised of 50% Barclays Capital Government Index and 50% Barclays Capital Mortgage Index plus 30 basis points.

#### **Performance objective**

Outperform benchmark net of fees over complete market cycle (3-5 year period).

#### **Primary Investment Focus**

- Permitted investments include U.S. Government and Government agency issues and U.S. Government agency mortgage-backed securities.
- Investment in interest only (IO's) and principal only (PO's) mortgage securities and other structures incorporating leverage is prohibited.
- The average duration of the portfolio will be maintained within +/- 20% of the duration of the custom benchmark.
- The account is intended to be fully invested. Residual cash will be invested in custodian's short-term investment fund (STIF) account.
- Manager will seek to maintain appropriate portfolio diversification.
- Manager will provide quarterly written portfolio review and timely notification of all significant portfolio and manager organizational issues. Manager shall meet with the Trustees at least annually.

# Bay County Employees' Retirement System Portfolio Characteristics as of March 31, 2012



	Nominal Weight	ed Composition		
	Fixed Income Portfolio	Customized Benchmark		
Yield to Maturity	1.89%	1.96%		
Duration	4.31 years	4.31 years		
Average Maturity	5.40 years	5.97 years	<b>Duration Weighte</b>	d Composition
Quality Breakdown			Fixed Income Portfolio	Customized Index
U.S. Treasury	38%	43%	58%	56%
U.S. Govt Agency	54	57	37	44
Aaa	8	0	5	0
Aa	0	0	0	0
A	0	0	0	0
Baa	0	0	0	0
Below Baa	0	0	0	0
	100%	100%	100%	100%
Sector Breakdown				
U.S. Treasury	38%	43%	58%	56%
U.S. Govt Agency Debentures	3	7	3	5
Agency Pass-Throughs	36	50	27	39
Agency CMOs	12	0	5	0
Agency CMBS	7	0	7	0
Cash	4	0	0	0
	100%	100%	100%	100%
Number of Issues	71	1,959		
Market Value*	\$21,885,332			

Customized Index: 50% Barclays Capital Government & 50% Barclays Capital MBS

<sup>\*</sup>Market value is preliminary

# Bay County Employees' Retirement System



	Fixed Income Portfolio <i>Gross</i> of Fees	Customized Benchmark
2006 (Apr-Dec)	5.04%	4.85%
2007	7.20%	7.78%
2008	9.13%	10.36%
2009	3.72%	1.79%
2010	5.63%	5.46%
2011	7.91%	7.62%
2012 (Jan)	0.55%	0.43%
(Feb)	-0.25%	-0.28%
(Mar)*	-0.44%	-0.42%
Year-to-Date	-0.14%	-0.28%
Since Inception		
<b>Cumulative Return</b>	45.06%	43.66%
Annualized Return	6.39%	6.22%

The performance is presented on a cumulative basis and does not reflect the deduction of investment advisory fees. Return would be reduced by advisory fee and other fees such as custodial expenses. The maximum fee found in Baird Advisors form ADV is 30 basis points. All returns are calculated on a time weighted, total return basis. The results shown should not be considered representative of future investment returns. The 50% Barclays Capital Government & 50% Barclays Capital MBS Index is an unmanaged portfolio of specific securities. The portfolio does not invest in all the securities traded in the index. Direct investment in the index is not available. Client should review all account statements provided by its custodian and compare those account statements to any account statement provided by Baird Advisors. Baird Advisors relies on securities valuations provided by client's custodian for purposes of performance reports.

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The Baird Advisors Brochure, which serves as a substitute for Form ADV Part II, is available upon request.

<sup>\*</sup>Performance shown for the month of March is preliminary.

# Bay County Employees' Retirement System



	Fixed Income <i>Portfolio</i> <i>Net</i> of Fees	Customized Benchmark
2006 (Apr-Dec)	4.80%	4.85%
2007	6.89%	7.78%
2008	8.81%	10.36%
2009	3.41%	1.79%
2010	5.31%	5.46%
2011	7.59%	7.62%
2012 (Jan)	0.53%	0.43%
(Feb)	-0.28%	-0.28%
(Mar)*	-0.46%	-0.42%
Year-to-Date	-0.22%	-0.28%
Since Inception		
<b>Cumulative Return</b>	42.50%	43.66%
Annualized Return	6.08%	6.22%

The performance is presented on a cumulative basis. All returns are calculated on a time weighted, total return basis. The results shown should not be considered representative of future investment returns. The 50% Barclays Capital Government & 50% Barclays Capital MBS Index is an unmanaged portfolio of specific securities. The portfolio does not invest in all the securities traded in the index. Direct investment in the index is not available. Client should review all account statements provided by its custodian and compare those account statements to any account statement provided by Baird Advisors. Baird Advisors relies on securities valuations provided by client's custodian for purposes of performance reports.

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<sup>\*</sup>Performance shown for the month of March is preliminary.



# Benefits for Bay County Employees' Retirement System

- Long-term relationships focused on client and direct communication
- Experienced management team implementing proven investment discipline
- Total focus on fixed income management
- Culture and resources key to future success
- Importance of the relationship to Baird Advisors

We believe our team, our entrepreneurial environment and substantial resources enable us to provide our clients with the best possible fixed income investment management services available



# **Appendix**

Economic & Market Outlook

### **Baird Advisors Market Outlook**



#### **U.S. Economy: Moderate Growth with Continued Restraints**

- Moderate, below-trend growth of 2-2.5% base case for 2012
- Business spending-led recovery in U.S. driven by strong profits; EMs driving global growth
- Restraints for U.S. consumer continue; elevated unemployment, negative real wages, high gas prices
- Additional headwinds: increased regulation, year-end fiscal "cliff"
- European debt crisis and general policy uncertainty continues to dampen business and consumer confidence
- Below-trend growth likely for an extended period; "Double-dip" unlikely
- Job creation will be moderate with unemployment rate remaining elevated for years

#### Inflation: Wages Remain Benign with Elevated Consumer Inflation Rolling Over

- Wage inflation remains benign given slack in U.S. labor markets
- Elevated Headline CPI rolling over (core CPI, excluding food and energy, at 2.2% Y-o-Y)
- Moderate growth and benign wage inflation will give Fed time to reverse policy

#### **Housing Markets: Prices in Rocky Bottoming Process**

- National home prices in long process of bottoming since mid-2009
- Elevated unemployment and foreclosure "pipeline" still a risk to price stability

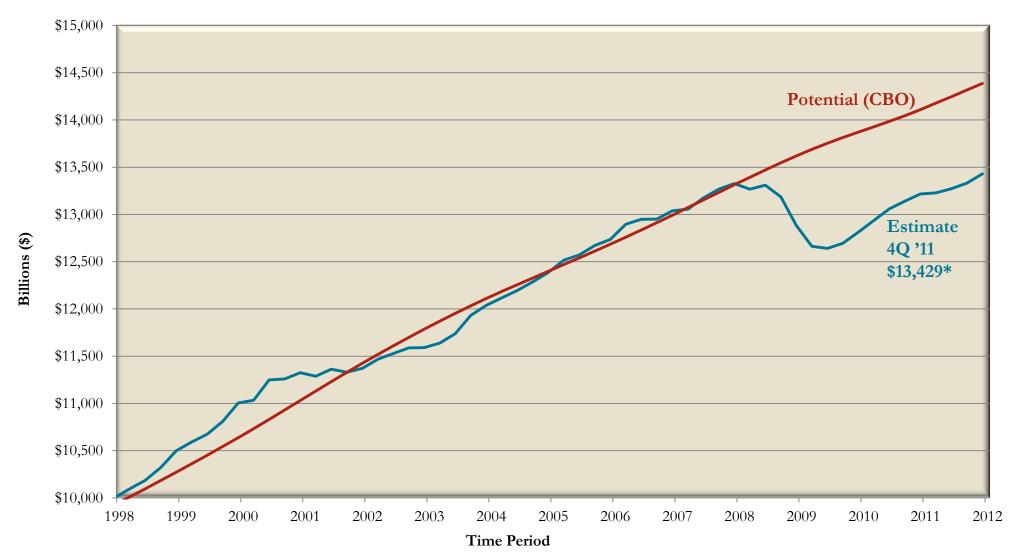
#### Financial markets: Stock and Bond Prices Discounting a Long Period of Moderate Growth

- Valuations generally fair with some attractive opportunities
- Risk environment will stay elevated with a wide range of potential outcomes possible

# Significant Slack in U.S. Economy

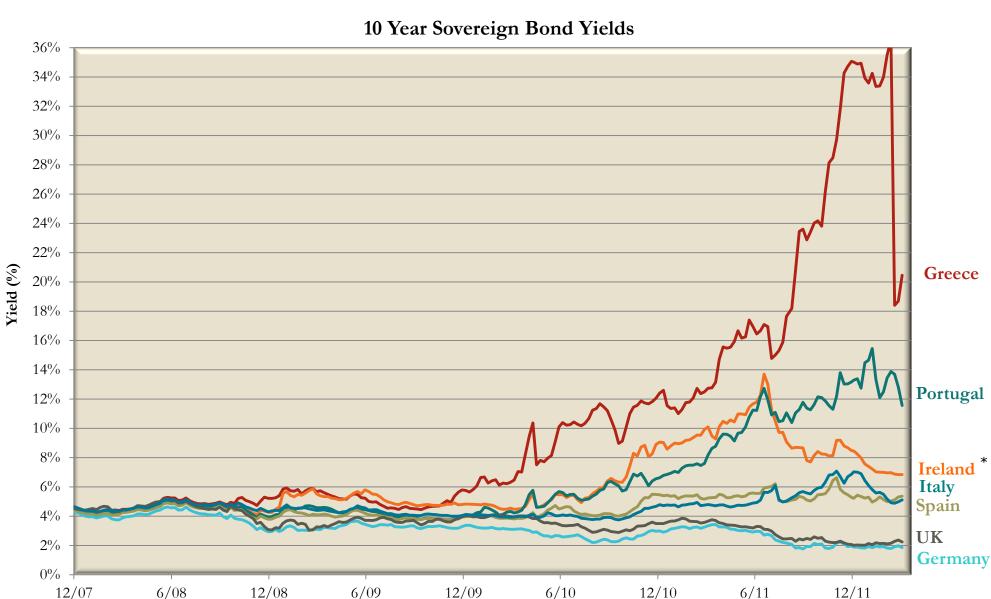


Real GDP: Actual vs. Potential



# European Debt Crisis: Still a Concern





Time Period

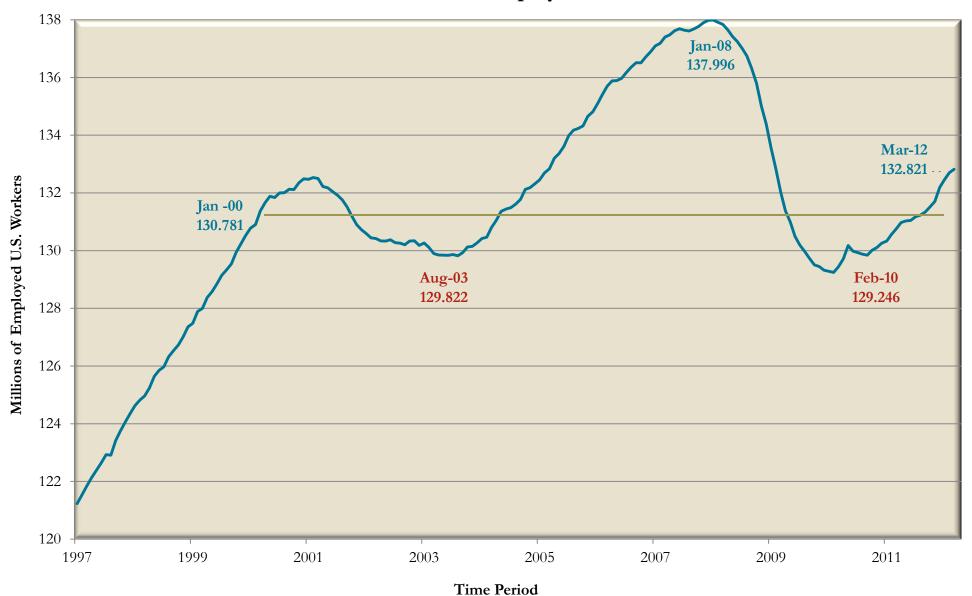
Source: Bloomberg Data as of: 3/31/2012

<sup>\*</sup> Ireland represents a 9yr Yield as of 10/10/11

# Lost Decade for Employment



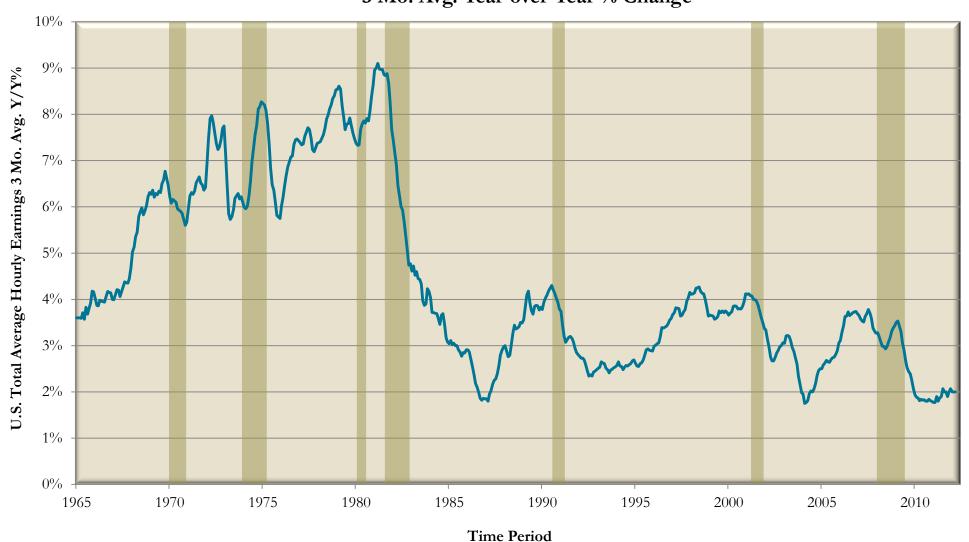
#### **Total Number of Employed Persons**



# Wage Pressure Virtually Non-Existent



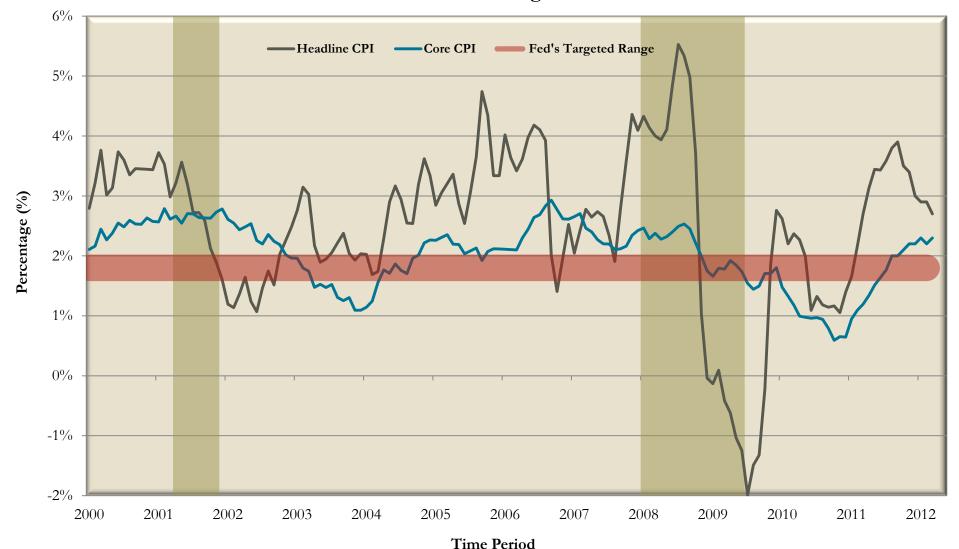
U.S. Total Average Hourly Earnings 3 Mo. Avg. Year-over-Year % Change



# Core Inflation Near Fed's Range, Headline Still Elevated



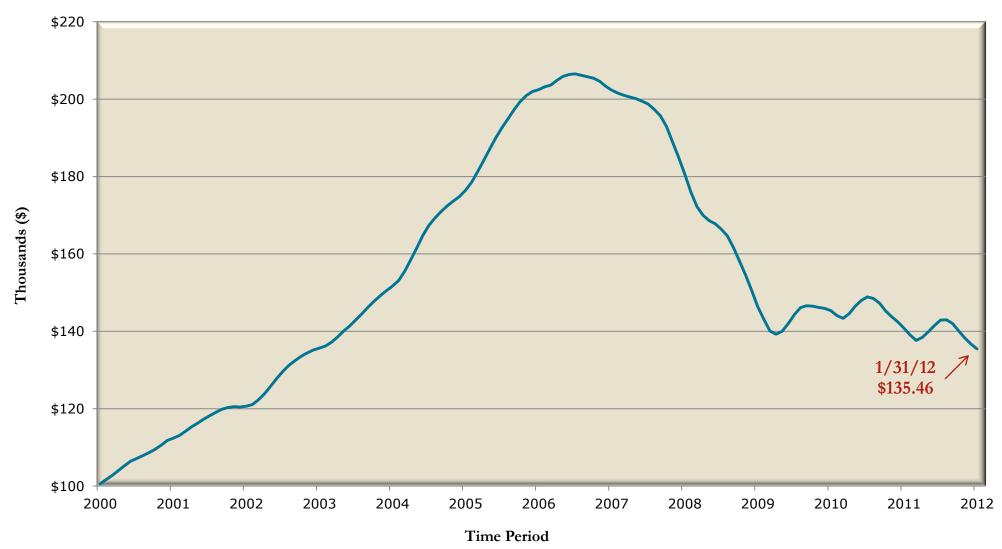
#### Year-over-Year % Change in Inflation



# Rocky Bottoming Process in Housing Continues



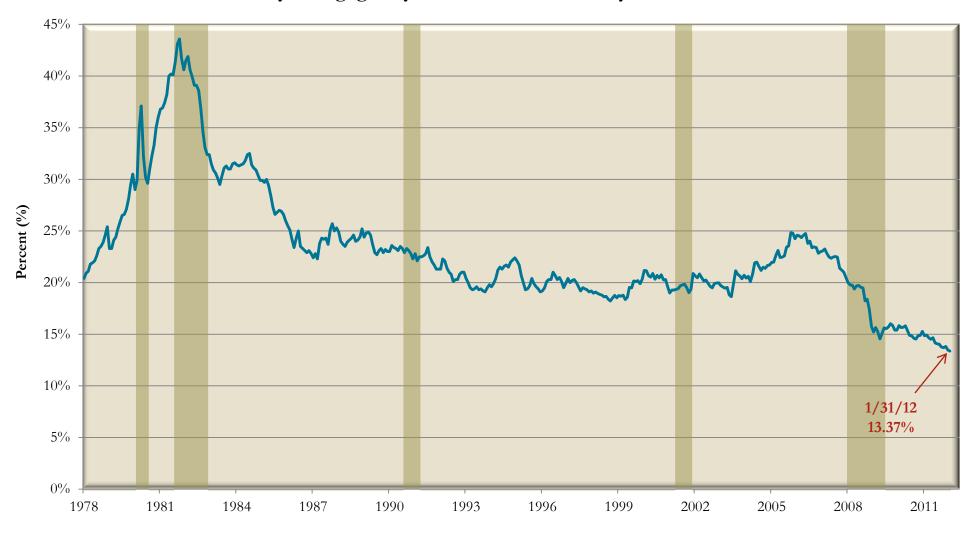
Case-Schiller Nominal Home Price Index



# Housing Affordability Best in 30 Years



#### Monthly Mortgage Payments as a % of Monthly Median Income

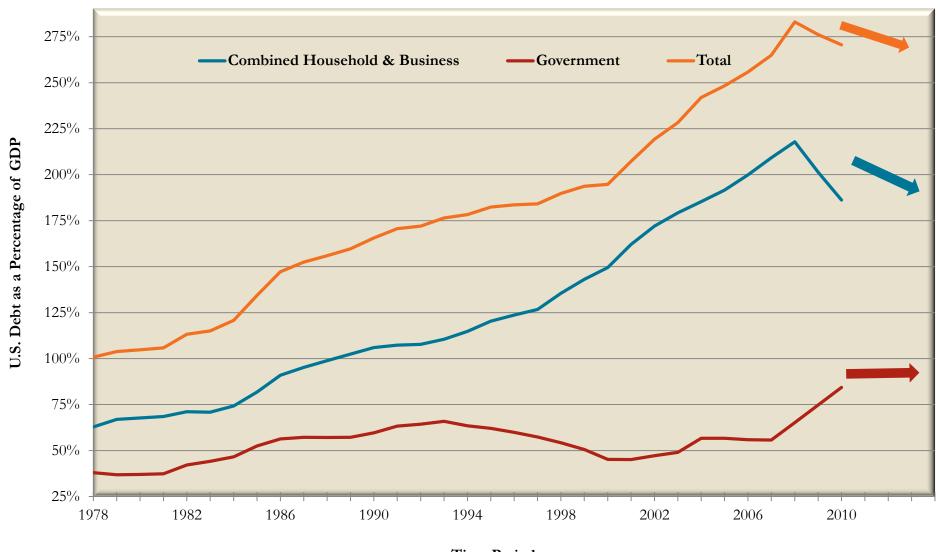


Time Period

# Overall Leverage "Shift" from Private to Public



U.S. Debt as a Percentage of GDP



Time Period